February 12, 2016

MEMORANDUM FOR: Distribution Email

FROM: Christine Caruso Magee
                                      Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for
                                      CPC, OPC, and WPC

Climate Prediction Center

The following accelerated items were implemented this past week:

None

The following will be implemented the week of February 15, 2016:

RFC #581 – LRTH v5.1 – Update the Long Range Transmission Handler by modifying a subscript to handle more files that were formerly being pushed manually. To be implemented on February 16 at 1600Z.

RFC #582 - Update Sea Surface Temperature processing scripts by adding files to the operational jobs that push SST consolidation data around. This was being accomplished manually by an employee that has since retired. To be implemented on February 16 at 1615Z.

RFC #583 - Modify the cpcfcst cron table to call SST consolidation graphic production every day, not just Thursdays and Fridays. To be implemented on February 17 at 1600Z.

RFC #584 - For the SST forecast graphic dissemination, change the logic for yes/no to disseminate, to match the newer production schedule. To be implemented on February 17 at 1600Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of February 15, 2016 may affect CPC:

RFC #1706 – NAWIPS v7.3.0 – Implement NAWIPS upgrade, which includes the enabling of the lightning decoder to process encrypted data, and a change to GDGRIB2 to allow bulk processing of GEMPAK parameters, along with numerous other table changes, zone/map changes, etc. To be implemented on February 16 at 1200Z.

RFC #1713 – Make a change to allow CPC to upload CFSR data to the Centre for Environmental Data Archival (CEDA), which is part of the British Atmospheric Data Centre (BADC). The reanalysis user community prefers to use data on model levels rather than standard pressure levels. The CFSR model level data is not conveniently available anywhere. BADC/CEDA has agreed to house this data set. To be implemented on February 16 at 1400Z.

The following NCO RFCs are in progress and may affect CPC:

None

Ocean Prediction Center

The following accelerated items were implemented this past week:

None

The following will be implemented the week of February 15, 2016:

RFC #578 - The "split_up_vgf.pl" operational launch script is being updated on the IDP to fix specific text items from going into incorrect layers in lp files, and to create additional copies for the Atlantic and Pacific surface analyses in AWIPS2 for NCP. To be implemented on February 16 at 1200Z.

RFC #579 – Add experimental Jason-3 data to NAWIPS in the unused Jason-1 spot (SGWH). To be implemented on February 16 at 1330Z.

RFC #580 - Modify Vibrio para. (Vp) Long Island Sound Doubling Times web page to include links to best harvest windows graphs for 4 Connecticut oyster growing areas and one summertime example with a high # of Vp doublings. Modify the graphs to show the # of Vp doublings for 3 refrigeration strategies based on state of Connecticut control plans. The state of CT wanted the 4 sites to represent their growing areas and the change to graphs to represent better their shellfish control plans. To be implemented on February 16 at 1500Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of February 15, 2016 may affect OPC:

RFC #1706 – NAWIPS v7.3.0 – Implement NAWIPS upgrade, which includes the enabling of the lightning decoder to process encrypted data, and a change to GDGRIB2 to allow bulk processing of GEMPAK parameters, along with numerous other table changes, zone/map changes, etc. To be implemented on February 16 at 1200Z.

The following NCO RFCs are in progress and may affect OPC:

None

The following NCO RFCs, which may affect OPC, were approved with an implementation date TBD:

RFC #1357 – RTOFS global v1.1.0 – Major upgrade of the Global RTOFS model. See the TIN at: http://www.nws.noaa.gov/os/notification/tin15-36global-rtofsaaa.htm for details. This was advertised as having an October 6 implementation date but this implementation is being postponed due to a delay in the Navy's HYCOM model upgrade. Once the HYCOM upgrade is implemented, the Global RTOFS will be scheduled for implementation. The Navy hopes to upgrade HYCOM in FY16Q3. Notification will be given in advance so users may prepare for any changes which may affect them. This upgrade of the Global RTOFS was approved by the NCEP Director.

<u>Weather Prediction Center</u>

<u>The following accelerated items were implemented this past week:</u>

RFC #577 – Due to some display issues with Google maps, the background maps interface for the Day 4-7 Probabilistic Winter Precipitation Forecasts was switched to ESRI's API. Implemented on February 10 at 1700Z.

<u>The following will be implemented the week of February 15, 2016:</u>

None

<u>The following RFCs are in progress:</u>

None

<u>The following NCO RFCs to be implemented the week of February 15, 2016 may affect WPC:</u>

RFC #1706 – NAWIPS v7.3.0 – Implement NAWIPS upgrade, which includes the enabling of the lightning decoder to process encrypted data, and a change to GDGRIB2 to allow bulk processing of GEMPAK parameters, along with numerous other table changes, zone/map changes, etc. To be implemented on February 16 at 1200Z.

<u>The following NCO RFCs are in progress and may affect WPC:</u>

None

Please note that security-related RFCs are never listed in the RFC memo.

---- OPERATIONAL ANNOUNCEMENTS ----

The CPC/OPC/WPC Configuration Management documents are available at
https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/.

Please review these documents if you have questions prior to submitting
changes for CPC/OPC/WPC configurable items.